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27955 7590 12/14/2004

**TOWNSEND & BANTA**  
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03/15/2005 MBEYENE2 00000119 10721365

01 FC:1501 1400.00 OP  
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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/721,365	11/26/2003	Minoru Numaguchi	SUG-021-USA-P	6107

TITLE OF INVENTION: ANTIBACTERIAL GLASS COMPOSITION AND ANTIBACTERIAL POLYMER COMPOSITION USING THE SAME

*APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/14/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
SAMPLE, DAVID R	1755	501-045000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Townsend & Banta  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Ishizuka Garasu Kabushiki Kaisha

Aichi, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 10

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- ☒ A check in the amount of the fee(s) is enclosed.
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- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

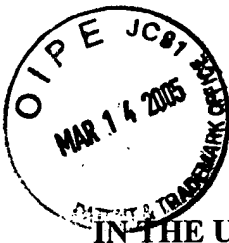
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Authorized Signature

Date March 14, 2005Typed or printed name Donald E. TownsendRegistration No. 22,069

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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SUG-021-USA-P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
M. Numaguchi, et al.

Serial No.: 10/721,365

Art Unit: 1755

Filed: November 26, 2003

Examiner: D. Sample

FOR: Antibacterial Glass Composition

**TRANSMITTAL OF ISSUE FEE**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**BOX: ISSUE FEE**

Sir:

Attached for filing in the above-captioned matter is the Issue Fee Transmittal (Form PTOL-85B), and our check in the amount of \$1,730.00 (\$1,400 for the Issue Fee, \$300 for the Publication Fee, and \$30 for the Advanced Order of ten (10) patent copies). The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account 20-1424. A duplicate copy of this Transmittal is attached.

Respectfully submitted,

Donald E. Townsend  
Reg. No. 22,069

**Customer No. 27955**

Date: March 14, 2005

TOWNSEND & BANTA  
601 Pennsylvania Avenue, N.W.  
Suite 900, South Building  
Washington, D.C. 20004  
(202) 220-3124